

**TRAINER, TANK LEVEL INDICATING SYSTEM, DEVICE 2H131****TRAINING CATEGORY:**

AVIATION (Aircraft Fueling Equipment)

**ORIGINATING AGENCY:**

DCNO/AIR

**SECURITY CLASSIFICATION:**

Device 2H131 is unclassified.

**PURPOSE:**

To demonstrate the operation of a Tank Level Indicating System. The floats and receivers are actual equipment of the tank level indicating system and are mounted on a stand. There is also an electrical schematic and reed switch display.

**INTENDED USE:**

In Aviation Boatswain's Mate Fuel School for classroom training of enlisted personnel with varying degrees of proficiency in operation and maintenance of the Tank Level Indicating System.

**FUNCTIONAL DESCRIPTION:**

The trainer is a Tank Level Indicating System of actual components. The tank level transmitters and receivers are mounted on the trainer. Moving the floats up or down by hand simulates liquid levels, registering the liquid level readout on the receivers. A high level alarm is activated when the upper float is in the top position. The magnetic reed switch display is a model made of colored plastic to differentiate the various components. The stand is mounted on casters for ease of movement into the classroom.

**PHYSICAL INFORMATION:**

**Number of Pieces:** One (1) Stand Assembly

**Size:** 72" High x 34" Deep x 72" Long

**Weight:** 463 lbs.

## DIRECTORY OF NAVAL TRAINING DEVICES

## POWER REQUIREMENTS:

120 VAC, 60 Hz, .25 amp capacity outlet.

## PUBLICATIONS FURNISHED:

Operations and Maintenance Guide, Trainer, Tank Level Indicating System, Device 2H131, NAVTRASYS-CEN, P-5353-12 (U).

## PERSONNEL:

**Instructor:** One (1), Chief or 1st Class PO graduate of Aviation Boatswain's Mate Fuel School with actual experience onboard an aircraft carrier.

**Operator:** Instructor-Operated.

**Trainees:** Class of up to 50

**Maintenance:** One (1) hour per 100 hour utilization. (Approximately every 2 months of use)

## CONTRACT IDENTIFICATION:

Manufactured by United Scale Models Southwest, Inc., Houston, TX under NAVTRASYS-CEN, Orlando, FL Contract No. N61339-86-C-0136.

## LOCAL STOCK NUMBER:

6910-LL-C00-6851